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The legally binding document is the German original.

Please note: Until these statutes are published in the university bulletin of the Ministry of General Education and Vocational Training, Science, Research and Culture (MBWK), they are to be considered a draft.

Published on the website: 18 July 2024

**Third statutes to amend the Study and Examination Regulations issued by the the Faculty of Energy and Life Science for the master's degree programme "Wind Energy Engineering" at Flensburg University of Applied Sciences (FUAS)
dated: 17 July 2024**

On the basis of § 52 para. 1 of the Hochschulgesetz (HSG, Higher Education Act) in the version of the notice dated 5 February 2016 (GVOBl. Schl.-H., page 39), last updated by law as of 3 February 2022 (GVOBl. Schl.-H. 2022, page 102) and following the resolution made by the Faculty Board of the Faculty of Energy and Life Science on 12 June 2024, the approval of the Senate of FUAS on 17 July 2024 and the permission granted by the President's Office of FUAS on 17 July 2024 the following statutes are issued.

Article 1

The Study and Examination Regulations issued by the he master's degree programme of the Faculty of Energy and Life Science for the master's degree programme "Wind Energy Engineering" at FUAS, dated 17. June 2021, (university bulletin MBWK Schl.-H., page. 54), last amended by statutes issued by the Faculty of Energy and Life Science for the master's degree programme Wind Energy Engineering at FUAS, dated 20 March 2024 (university bulletin MBWFK Schl.-H., page 23) are amended as follows:

1. § 11 is replaced by the following text:

"(1) These Statutes will come into effect on the day after their publication.

(2) These Study and Examination Regulations are effective for all students enrolling in the Wind Energy Engineering master's degree programme at FUAS starting from the winter semester 2020/21. The first statutes to amend the Study and Examination Regulations, dated 19 June 2020, (MBWK: No. 02/2020, page 45 on 14 July 2020) ceases to be in force.

(3) The third amended version of the Study and Examination Regulations dated 17 June 2021 will come into effect on the day after its publication and be effective for all students enrolling in the Wind Energy Engineering master's degree programme at FUAS starting from the winter semester 2024/25.

(4) Classes and modules offered for students who enrolled in the Wind Energy Engineering master's degree programme before the winter semester 2024/25 in accordance with the Study and Examination Regulations dated 17 June 2021, including the second amended version, will be discontinued per semester. This does not include assessment and examinations for comparable classes. These students have the opportunity to change their enrolment and study in accordance with the third amended Study and Examination Regulations dated 17 July 2024. Examinations and coursework completed successfully already will be acknowledged.

(5) When a class has been discontinued the assessment and examinations linked to it will be offered in the examination periods as defined by §6 para. 3 of the Principles of Assessment [*Prüfungsverfahrensordnung, PVO*] as well as at the end of the following three semesters. The last assessment and examinations for discontinued classes will be offered in the examination period winter semester 2026/27-II.

(6) Examinations can only be recognised in accordance with the Study and Examination Regulations of 17 June 2021, including the second amended version dated 24 May 2024, until the end of the exam period winter semester 2026/27-II. The master's thesis and the colloquium connected to it must be completed by 29 February 2028.

(7) The second statutes to amend the Study and Examination Regulations dated 20 March 2024 will ceases to be in force on 29 February 2028.

2. In Annex 1 to § 6, para. 1 the module and assessment plan for the 1st semester of the programme (winter semester) and the module and assessment plan for the 3rd semester of the programme are changed as follows:

1st semester of the programme (winter semester)					
Module				Assessment	
Module name	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)
Advanced engineering mathematics	L/T	4	5	Ex	WE(2), OE
Global wind industry and turbine technology	L/T/Lab	4	5	Ex	WE(2), OE
Energy economics	L/T	4	5	Ex	OA (WR and Pres)
Scientific and technical writing	L/P	4	5	Ex	OA (WR)
Elective course Group a	see below	4	5	Ex	see below
Elective course Group b	see below	4	5	Ex	see below
All modules of the 1st semester of the programme		24	30	6 EX	
<p>Please note: The Coordinator of the degree programme reserves the right to determine which of the Group A modules students may have to take: As a general rule, students with a degree in the field of Mechanical Engineering or Civil Engineering must complete the module "Electrical engineering basics". Students with a degree in Electrical Engineering must complete the module "Mechanical engineering basics". Students with a degree from all other fields can complete modules from Group a as a module from Group b.</p>					

The elective courses offered for the 1st semester of the programme (winter semester) are:					
Module				Assessment	
Group a:	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)
Mechanical engineering basics	L/T	4	5	Ex	WE(2), OE
Electrical engineering basics	L/T	4	5	Ex	WE(2), OE
Group b:	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)
German for foreign students	L/T	4	5	Ex	OE, WE(1.5)
English for engineers	L/T	4	5	Ex	WE(2), OE
Wind energy challenge project	P	4	5	Ex	OA (WR)
Green entrepreneurship	L/T	4	5	Ex	OA (WR)
<p>Please note: The list of modules offered will be updated each semester and will be posted on the notice board of the Dean's Office before the end of each teaching period for the following teaching period.</p>					

3rd semester of the programme (winter semester)					
Module				Assessment	
Module name	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)
Project: development of a wind turbine	L/P	7 ¹⁾	10	Ex	OA (Pres and WR) ²⁾
Elective course	see below	4	5	see below	see below
Elective course	see below	4	5	see below	see below
Focus	see below	8	10	see below	see below
All modules of the 3rd semester of the programme		23	30	5 EX	
<p>¹⁾ 4 hpw lecture (joint project discussion), 3 hpw project</p> <p>²⁾ Students work on a set task in teams of three to five. They document their work in a standardised manner.</p>					

Focus ³⁾	Module				Assessment	
	Module name	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)
Mechanical engineering	Machinery components	L/Sem	4	5	Ex	WE(2), OE
	Finite elements (FE) & fatigue analysis	L/T	4	5	Ex	OA (WR and HW) or written assessment
Electrical engineering	Electrical machines, power electronics, control	L/T	4	5	Ex	WE(2), OE
	Grid integration	L	4	5	Ex	WE(2), OE
Structural engineering	Structures – rotor blades and civil engineering	L/T	4	5	Ex	WE(2), OE
	Finite elements (FE) & fatigue analysis	L/T	4	5	Ex	OA (WR and HW) or written assessment
Project development	Advanced wind farm planning	L/Lab	4	5	Ex	OA (WR)
	Wind farm project development	L/T	4	5	Ex	OA (WR and Pres)

³⁾ Students are required to choose one of the four majors mentioned above (focus) in their 3rd semester.

The elective courses offered for the 3rd semester of the programme (winter semester) are:						
Module				Assessment		
Module name	Teaching method	hpw	CP	Teaching method	Form (hours if applicable)	
Wind energy planning and applied geoinformatics	L/T	4	5	Ex	OA (WR)	
Turbine measurements	L/T	4	5	Ex	WE(2), OE	
Offshore wind energy: operation and maintenance	L/T	4	5	Ex	OE	
Experimental and computational fluid dynamics	L/Lab/T	4	5	Ex	OE	
Modelling & simulation of wind turbines	L/Lab	4	5	Ex	WE(2), OE	
Controller design for wind turbines and wind farms	L/T	4	5	Ex	OE	
Wind energy challenge project	P	4	5	Ex	OA (WR)	
Green entrepreneurship	L/T	4	5	Ex	OA (WR)	

Please note:
The list of modules offered will be updated each semester and will be posted on the notice board of the Dean's Office before the end of each teaching period for the following teaching period.

Article 2

These statutes will come into effect on the day after their publication.

Flensburg, 17 July 2024

Flensburg University of Applied Sciences

Faculty for Energy and Life Science

- The Dean -

Prof. Dr. Antje Labes